

THIS REPORT CONTAINS ASSESSMENTS OF COMMODITY AND TRADE ISSUES MADE BY USDA STAFF AND NOT NECESSARILY STATEMENTS OF OFFICIAL U.S. GOVERNMENT POLICY

Voluntary - Public

**Date:** 2009/10/06

**GAIN Report Number:** JA9064

## Japan

**Post:** Tokyo

## MRL Changes in Indoxacarb and other five chemicals

### Report Categories:

Sanitary/Phytosanitary/Food Safety

### Approved By:

Jeffrey Nawn

### Prepared By:

Suguru Sato

### Report Highlights:

On October 2, 2009, Government of Japan announced proposed changes to the MRLs for Indoxacarb, Esprocarb, Trifloxystrobin, Prosulfocarb and Metalaxyl/Mefenoxam. The comment period will close on October 16, 2009. After the domestic comment period closes, MHLW will then notify those proposed changes to the WTO/SPS Committee, which will provide last chance for public comments to be submitted to this subject.

### General Information:

On October 2, 2009, Government of Japan announced proposed changes to the MRLs for Indoxacarb, Esprocarb, Trifloxystrobin, Prosulfocarb and Metalaxyl/Mefenoxam. The comment period will close on October 16, 2009. After the domestic comment period closes, MHLW will then notify those proposed changes to the WTO/SPS Committee, which will provide last chance for public comments to be submitted to this subject. Then after the closing of a the comment period in

the WTO, a final report will be made based on the conclusions of a session of the Pharmaceutical Affairs and Food Sanitation Council slated to be held at a later date; this will constitute the final decision.

The comments can be either Japanese or English.

If you have comments, please send them directly to the Japanese Government at:

Standards and Evaluation Division,  
Department of Food Safety,  
Pharmaceutical and Food Safety Bureau,  
Ministry of Health, Labour and Welfare  
1-2-2, Chiyoda-ku, Kasumigaseki, Tokyo, 100-8916  
Tel: 03-5253-1111  
Fax: 03-3501-4868

Mr. K. OGI (ogi-katsuhiko@mhlw.go.jp)  
Ms. N. SARUTA (saruta-noriko@mhlw.go.jp)  
Ms. A. NAKATA (nakata-ayumi@mhlw.go.jp)  
Mr. H. WATANABE (watanabe-hidemi@mhlw.go.jp)  
Ms. K. MIYOSHI (miyoshi-kanako@mhlw.go.jp)  
Tel. ex. 4273, 2486, 4281, 2487

Please also consider copying the U.S. Embassy, Tokyo at [agtokyo@usda.gov](mailto:agtokyo@usda.gov) on your comments in order for them to be considered as part of the official U.S. Government comments to the WTO.

## **Pesticides and Other Contaminants:**

### **Establishment of Maximum Residue Limits for Agricultural Chemicals in Food**

#### Purpose and Background

The Ministry of Health, Labour and Welfare (MHLW) is going to develop the compositional specification for food.

Under the provisions of Article 11, Paragraph 1 of the Food Sanitation Law, the MHLW is authorized to establish residue standards (maximum residue limits: MRLs) for pesticides, feed additives, and veterinary drugs (hereafter referred to as just “agricultural chemicals”) that may remain in foods. Any food for which standards are established pursuant to the provisions is not

permitted to be marketed in Japan unless such food complies with the established standards.

On May 29, 2006, the MHLW introduced the positive list system for agricultural chemicals in food.\* Basically, all foods distributed in the Japanese marketplace are subject to regulation based on the system.

This time the MHLW has newly established MRLs (draft) for some food commodities as well as has comprehensively reviewed the current MRLs. This activity is targeted to five chemicals: Indoxacarb (pesticide), Esprocarb (pesticide), Trifloxystrobin (pesticide), Prosulfocarb (pesticide) and Metalaxyl and Mefenoxam (pesticide). Details are given below.

Note: The positive list system was established based on the 2003 amendment of the Food Sanitation Law. The system aims to prohibit the distribution of any food in the Japanese marketplace if it contains agricultural chemicals at amounts exceeding a certain level (0.01 ppm) specified under the Law.

#### Outline of revision

Indoxacarb (insecticide): This chemical has two optical isomers. Currently, the racemic form of this chemical is permitted for use in Japan. This time the Ministry of Agriculture, Forestry and Fisheries (MAFF) has decided to approve a non-racemic compound with a different ratio of the two isomers from the approved compound, based on the Agricultural Chemicals Regulation Law. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for some crops and has comprehensively reviewed the existing MRLs. For draft MRLs, see Attachment 1-1.

Esprocarb (herbicide): This chemical is already permitted for use in Japan. This time MAFF will expand the scope of target crops for which the use of the chemical is permitted. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for some crops and has comprehensively reviewed the existing MRLs. For draft MRLs, see Attachment 1-2.

Trifloxystrobin (fungicide): This chemical is already permitted for use in Japan. This time MAFF will expand the scope of target crops for which the use of the chemical is permitted. Also, an application has been filed by a foreign business with the MHLW for the establishment of MRLs for this chemical, based on the Guideline for Application for Establishment and Revision of Maximum Residue Limits for Agricultural Chemicals Used outside Japan, published on 5 February 2004. In response to the MAFF's action and the manufacture's application, the MHLW has newly

established MRLs (draft) for some crops and comprehensively reviewed the existing MRLs. For draft MRLs, see Attachment 1-3.

Prosulfocarb (herbicide): This chemical is not permitted for use in Japan. This time MAFF has decided to approve the chemical based on the Agricultural Chemicals Regulation Law. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for some crops. For draft MRLs, see Attachment 1-4.

Metalaxyl and Mefenoxam (fungicide): This chemical has two optical isomers. Currently, the racemic form of this chemical is permitted for use in Japan. This time MAFF has decided to approve one of the optical isomers, based on the Agricultural Chemicals Regulation Law. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for some crops and has comprehensively reviewed the existing MRLs. For draft MRLs, see Attachment 1-5.

The existing MRLs for Indoxacarb and Trifloxystrobin and Metalaxyl and Mefenoxam appear in either of the MRLs List (the Item 6, Section A "General Compositional Standards for Food," Part I "Food" of the Specifications and Standards for Food, Food Additives, Etc.) or Provisional MRLs List (Item 7, Section A), according to food commodities. These MRLs have been modified as necessary. Finalized MRLs will be placed on the MRLs List in Item 6, and the MRLs currently placed in Item 7 will be deleted.

## Attachment 1-1

### Indoxacarb (insecticide)

Commodity	MRL (draft) ppm	Current MRL ppm
Corn (maize, including pop corn and sweet corn)	0.02	0.02
Soybeans, dry	5	0.5
Beans, dry <sup>2</sup>	0.2	0.2
Peas	0.2	
Broad beans	0.2	
Peanuts, dry	0.02	0.01
Other legumes/pulses <sup>3</sup>	0.2	0.2
Potato	0.2	0.1
Taro	0.05	0.1
Sweet potato	0.05	0.1

Yam	0.01	0.1
Konjac		0.1
Other potatoes <sup>4</sup>	0.01	0.1
Sugar beet	0.05	0.1
Japanese radish, roots (including radish)	0.05	0.1
Japanese radish, leaves (including radish)	5	5
Turnip, roots (including rutabaga)		0.1
Turnip, leaves (including rutabaga)		0.5
Horseradish		0.1
Watercress	14	
Chinese cabbage	1	1
Cabbage	1	1
Brussels sprouts	12	3
Kale	12	2
<i>Komatsuna</i> (Japanese mustard spinach)		0.5
<i>Kyona</i>		0.5
Cauliflower	0.2	3
Broccoli	0.2	0.2
Other cruciferous vegetables <sup>5</sup>	12	0.1
Burdock		0.1
Salsify		0.1
Chicory	14	
Endive	14	
Lettuce (including cos lettuce and leaf lettuce)	14	1
Other composite vegetables <sup>6</sup>	14	
Welsh (including leek)	2	2
Carrot		0.1
Parsnip		0.1
Parsley	14	
Celery	14	
Other umbelliferous vegetables <sup>8</sup>	14	
Tomato	0.5	0.5
Pimiento (sweet pepper)	1	1
Egg plant	0.5	0.5
Other solanaceous vegetables <sup>9</sup>	0.3	0.5
Cucumber (including gherkin)	0.2	0.5
Pumpkin (including squash)	0.6	
Oriental pickling melon (vegetable)	0.6	

Water melon	0.6	
Melons	0.1	
<i>Makuwauri</i> melon	0.1	
Other cucurbitaceous vegetables <sup>10</sup>	0.6	

Indoxacarb (Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Bamboo shoots		0.1
Ginger	0.05	0.1
Peas, immature (with pods)		1
Kidney beans, immature (with pods)		1
Green soybeans	1	1
Other vegetables <sup>12</sup>		1
Apple	0.5	1
Japanese pear	0.2	1
Pear	0.2	0.9
Quince	2	1
Loquat	2	1
Peach		2
Nectarine	0.9	2
Apricot	0.9	2
Japanese plum (including prune)	0.9	2
Mume plum		2
Cherry	0.9	2
Strawberry	1	1
Cranberry	0.9	0.5
Grape	2	1
Kiwifruit		0.1
Cotton seeds	1	2
Other spices <sup>18</sup>		1
Other herbs <sup>19</sup>	12	1
Cattle, muscle	1	0.05
Pig, muscle	1	0.05
Other terrestrial mammals <sup>20</sup> , muscle	1	0.05
Cattle, fat	1	1

Pig, fat	1	1
Other terrestrial mammals, fat	1	1
Cattle, liver	0.5	0.02
Pig, liver	0.5	0.02
Other terrestrial mammals, liver	0.5	0.02
Cattle, kidney	0.5	0.02
Pig, kidney	0.5	0.02
Other terrestrial mammals, kidney	0.5	0.02
Cattle, edible offal <sup>21</sup>	0.5	0.02
Pig, edible offal	0.5	0.02
Other terrestrial mammals, edible offal	0.5	0.02
Milk	0.1	0.1
Chicken, muscle	0.01	0.01
Other poultry animals <sup>22</sup> , muscle	0.01	0.01
Chicken, fat	0.01	0.01
Other poultry animals, fat	0.01	0.01
Chicken, liver	0.01	0.01
Other poultry animals, liver	0.01	0.01
Chicken, kidney	0.01	0.01
Other poultry animals, kidney	0.01	0.01
Chicken, edible offal	0.01	0.01
Other poultry animals, edible offal	0.01	0.01
Chicken, eggs	0.01	0.01
Other poultry, eggs	0.01	0.01
Raisin	5	

The uniform limit (0.01 ppm) is applied to commodities for which draft MRLs are not given.

MRLs for indoxacarb are established for the sum of residues of indoxacarb (S-enantiomer) and R-enantiomer of indoxacarb.

Attachment 1-2

Esprocarb(herbicide)

Commodity	MRL (draft) ppm	Current MRL ppm
Rice (brown rice)	0.02	0.02
Wheat	0.05	
Aquatic animals	0.2	0.2

The uniform limit (0.01 ppm) is applied to commodities for which draft MRLs are not given.

### Attachment 1-3

#### Trifloxystrobin(fungicide)

Commodity	MRL (draft) ppm	Current MRL ppm
Rice (brown rice)	1.6	4
Wheat	0.2	0.2
Barley	0.5	0.5
Rye	0.05	
Corn (maize, including pop corn and sweet corn)	0.05	0.05
Other cereal grains <sup>1</sup>	0.05	
Soybeans, dry	0.08	0.04
Peanuts, dry	0.05	0.05
Potato	0.04	0.04
Sugar beet	0.05	0.05
Japanese radish, roots (including radish)	0.1	0.1
Turnip, roots (including rutabaga)	0.1	0.1
Horseradish	0.1	0.1
Chinese cabbage	0.5	
Cabbage	0.5	
Brussels sprouts	0.1	
Cauliflower	0.5	
Broccoli	0.5	
Burdock	0.1	0.1
Salsify	0.1	0.1
Other composite vegetables <sup>6</sup>	3.5	4
Welsh (including leek)	0.7	
Garlic	0.05	
Asparagus	0.07	
Carrot	0.1	0.1
Parsnip	0.1	0.1
Celery	3.5	4
Other umbelliferous vegetables <sup>8</sup>	3.5	4



Tomato	0.7	1
Pimiento (sweet pepper)	0.5	0.5
Egg plant	0.5	1
Other solanaceous vegetables <sup>9</sup>	2.0	1
Cucumber (including gherkin)	0.7	1
Pumpkin (including squash)	0.3	1
Oriental pickling melon (vegetable)	0.3	1
Water melon	0.3	0.5
Melons	0.3	0.5
<i>Makuwauri</i> melon	0.3	0.5
Other cucurbitaceous vegetables <sup>10</sup>	0.3	1
Kidney beans, immature (with pods)	0.5	
Green soybeans	0.08	0.04
Other vegetables <sup>12</sup>	3.5	1
<i>Unshu</i> orange, pulp		0.3
Citrus <i>natsudaidai</i> , whole	0.5	0.3
Lemon	0.5	0.3
Orange (including navel orange)	0.5	0.3
Grapefruit	0.5	0.3
Lime	0.5	0.3
Other citrus fruits <sup>13</sup>	0.5	0.3

#### Trifloxystrobin(Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Apple	3	3
Japanese pear	5	0.7
Pear	5	0.7
Quince	0.7	0.7
Loquat	0.7	0.7
Peach	0.2	2
Nectarine	3	5
Apricot	3	2
Japanese plum (including prune)	3	2
Mume plum	3	
Cherry	3	2
Strawberry	0.2	2

Grape	5	3
Japanese persimmon	0.5	5
Banana	0.5	5
Kiwi	0.02	
Papaya	0.7	5
Avocado		5
Pineapple		5
Guava	0.05	
Mango	0.7	
Passion Fruit	0.05	5
Other fruits <sup>15</sup>	0.7	5
Cotton seed	0.05	
Ginkgo nut	0.02	
Chestnut	0.04	0.04
Pecan	0.04	0.04
Almond	0.04	0.04
Walnut	0.04	0.04
Other nuts <sup>17</sup>	0.04	0.04
Tea	5	5
Coffee beans	0.05	
Hop	40	20
Other spices <sup>18</sup>	3.5	5
Other herbs <sup>19</sup>	3.5	4
Cattle, muscle	0.05	0.05
Pig, muscle	0.05	0.05
Other terrestrial mammals <sup>20</sup> , muscle	0.05	0.05
Cattle, fat	0.05	0.05
Pig, fat	0.05	0.05
Other terrestrial mammals, fat	0.05	0.05
Cattle, liver	0.05	0.05
Pig, liver	0.05	0.05
Other terrestrial mammals, liver	0.05	0.05
Cattle, kidney	0.04	0.04
Pig, kidney	0.04	0.04
Other terrestrial mammals, kidney	0.04	0.04
Cattle, edible offal <sup>21</sup>	0.05	0.05
Pig, edible offal	0.05	0.05
Other terrestrial mammals, edible offal	0.05	0.05
Milk	0.02	0.02

Chicken, muscle	0.04	0.04
Other poultry animals <sup>22</sup> , muscle	0.04	0.04
Chicken, fat	0.04	0.04
Other poultry animals, fat	0.04	0.04

#### Trifloxystrobin(Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Chicken, liver	0.04	0.04
Other poultry animals liver	0.04	0.04
Chicken, kidney	0.04	0.04
Other poultry animals, kidney	0.04	0.04
Chicken, edible offal	0.04	0.04
Other poultry animals, edible offal	0.04	0.04
Chicken, egg	0.04	0.04
Other poultry animals, egg	0.04	0.04
Milled rice	0.9	
Rice bran	7	
Wheat bran	0.5	
Raisin	5	

The uniform limit (0.01 ppm) is applied to commodities for which draft MRLs are not given.

MRLs for trifloxystrobin are established for the sum of residues of trifloxystrobin and its metabolites (E,E)-methoxyimino-[2-[1-(3-trifluoromethyl-phenyl)-ethylideneaminoxymethyl]-phenyl] acetic acid, all calculated as trifloxystrobin on animal products, and for the sum of the residue of trifloxystrobin alone on other foods.

#### Attachment 1-4

#### Prosulfocarb (herbicide)

Commodity	MRL (draft) ppm	Current MRL ppm
Wheat	0.05	
Barley	0.05	

The uniform limit (0.01 ppm) is applied to commodities for which draft MRLs are not given.

# Attachment 1-5

## Metalaxyl and Mefenoxam (fungicide)

Commodity	MRL (draft) ppm	Current MRL ppm
Rice (brown rice)	0.1	0.1
Wheat	0.05	0.05
Barley	0.05	0.05
Rye	0.05	0.05
Corn (maize, including pop corn and sweet corn)	0.05	0.05
Buckwheat	0.05	0.05
Other cereal grains <sup>1</sup>	0.05	0.05
Soybeans, dry	0.05	0.05
Beans, dry <sup>2</sup>	0.2	0.1
Peas	0.2	0.1
Broad beans		0.1
Peanuts, dry	0.1	0.1
Other legumes/pulses <sup>3</sup>	0.2	0.1
Potato	0.3	0.3
Taro		0.5
Sweet potato		0.5
Yam		0.5
Konjac	0.3	0.5
Other potatoes <sup>4</sup>		0.5
Sugar beet	0.05	0.05
Sugarcane	0.05	0.1
Japanese radish, roots (including radish)	0.2	2
Japanese radish, leaves (including radish)	0.2	2
Turnip, roots (including rutabaga)	0.3	2
Turnip, leaves (including rutabaga)	0.3	2
Horseradish	0.2	2
Watercress		2
Chinese cabbage	0.3	2
Cabbage	0.5	0.5

Brussels sprouts	0.2	0.2
Kale	2	
<i>Komatsuna</i> (Japanese mustard spinach)	1	2
<i>Kyona</i>	3	2
Qing-geng-cai	2	2
Cauliflower	0.5	0.5
Broccoli	0.5	2
Other cruciferous vegetables <sup>5</sup>	0.7	2
Burdock		2
Salsify		2
Artichokes		2
Chicory		2
Endive		2
<i>Shungiku</i>		2
Lettuce (including cos lettuce and leaf lettuce)	2	2
Other composite vegetables <sup>6</sup>		2
Onion		2
Welsh (including leek)	0.2	2
Garlic	0.5	2
<i>Nira</i>		2
Asparagus	0.05	0.05
Multiplying onion (including shallot)	0.2	2
Other liliaceous vegetables <sup>7</sup>	0.3	2

#### Metalaxyl and Mefenoxam (Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Carrot	0.05	0.05
Parsnip		2
Parsley	2	2
Celery		2
<i>Mitsuba</i>	2	2
Other umbelliferous vegetables <sup>8</sup>	1	2
Tomato		2
Pimiento (sweet pepper)		2
Egg plant		1

Other solanaceous vegetables <sup>9</sup>	12
Cucumber (including gherkin)	12
Pumpkin (including squash)	0.22
Oriental pickling melon (vegetable)	2
Water melon	0.20.2
Melons	0.71
<i>Makuwauri</i> melon	0.2
Other cucurbitaceous vegetables <sup>10</sup>	2
Spinach	22
Bamboo shoots	2
Okra	12
Ginger	12
Peas, immature (with pods)	0.20.05
Kidney beans, immature (with pods)	0.22
Green soybeans	0.22
Button mushroom	2
<i>Shiitake</i> mushroom	2
Other mushrooms <sup>11</sup>	2
Other vegetables <sup>12</sup>	32
<i>Unshu</i> orange, pulp	0.21
Citrus <i>natsudaidai</i> , whole	1
Lemon	0.72
Orange (including navel orange)	0.71
Grapefruit	0.72
Lime	0.71
Other citrus fruits <sup>13</sup>	0.71
Apple	0.21
Japanese pear	0.21
Pear	0.21
Quince	0.21
Loquat	0.21
Peach	0.21
Nectarine	0.21
Apricot	0.21
Japanese plum (including prune)	0.21
Mume plum	1
Cherry	0.21
Strawberry	71
Raspberry	0.20.2

Blackberry	0.21
Blueberry	21
Cranberry	1
Huckleberry	1
Other berries <sup>14</sup>	0.21

#### Metalaxyl and Mefenoxam (Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Grape	1	1
Japanese persimmon		1
Banana		1
Kiwifruit		1
Papaya		1
Avocado	0.2	0.2
Pineapple		1
Guava		1
Mango		1
Passion fruit	0.2	1
Date		1
Other fruits <sup>15</sup>		1
Sunflower seeds	0.05	0.05
Sesame seeds		1
Safflower seeds		1
Cotton seeds	0.05	0.05
Rapeseeds		1
Other oil seeds <sup>16</sup>		1
Ginkgo nut		1
Chestnut		1
Pecan		1
Almond	0.4	1
Walnut	0.4	1
Other nuts <sup>17</sup>		1
Tea		0.1
Cacao beans	0.2	0.2
Hop	10	10

Other spice <sup>18</sup> (except seeds )	52	
Other herbs <sup>19</sup>	22	
Cattle, muscle	0.02	0.2
Pig, muscle	0.02	0.2
Other terrestrial mammals <sup>20</sup> , muscle	0.02	0.2
Cattle, fat	0.02	0.4
Pig, fat	0.02	0.5
Other terrestrial mammals, fat	0.02	0.4
Cattle, liver	0.1	0.3
Pig, liver	0.1	0.3
Other terrestrial mammals, liver	0.1	0.3
Cattle, kidney	0.3	0.3
Pig, kidney	0.3	0.3
Other terrestrial mammals, kidney	0.3	0.3
Cattle, edible offal <sup>21</sup>	0.02	0.2
Pig, edible offal	0.02	0.2
Other terrestrial mammals, edible offal	0.02	0.2
Milk		0.03
Chicken, muscle	0.01	0.2
Other poultry animals <sup>22</sup> , muscle	0.01	0.2
Chicken, fat	0.01	0.5
Other poultry animals, fat	0.01	0.5
Chicken, liver	0.06	0.3
Other poultry animals liver	0.06	0.3

#### Metalaxyl and Mefenoxam (Continued)

Commodity	MRL (draft) ppm	Current MRL ppm
Chicken, kidney	0.2	0.3
Other poultry animals, kidney	0.2	0.3
Chicken, edible offal	0.01	0.2
Other poultry animals, edible offal	0.01	0.2
Chicken, egg	0.01	0.05
Other poultry animals, egg	0.01	0.05
Other spice, dried (limited to seeds)	55	

The uniform limit (0.01 ppm) is applied to commodities for which draft MRLs are



not given.

MRLs for metalaxyl and mefenoxam are established for the sum of residues of metalaxyl and mefenoxam on agricultural products; and the sum of residues of metalaxyl, mefenoxam and its metabolites *N*-(2,6-dimethylphenyl)-*N*-(hydroxyacetyl)alanine on animal products.

Note:

1. “Other cereal grains” refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.
2. “Beans (dry)” includes butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya, and white beans.
3. “Other legumes/pulses” refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry), and spices.
4. “Other potatoes” refers to all potatoes, except potato, taro, sweet potato, yam, and konjac.
5. “Other cruciferous vegetables” refers to all cruciferous vegetables, except Japanese radish roots and leaves (including radish), turnip roots and leaves, horseradish, watercress, Chinese cabbage, cabbage, brussels sprouts, kale, *komatsuna* (Japanese mustard spinach), *kyona*, qing-geng-cai, cauliflower, broccoli, and herbs.
6. “Other composite vegetables” refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, *shungiku*, lettuce (including cos lettuce and leaf lettuce), and herbs.
7. “Other liliaceous vegetables” refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, *nira*, asparagus, multiplying onion, and herbs.
8. “Other umbelliferous vegetables” refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, *mitsuba*, spices, and herbs.
9. “Other solanaceous vegetables” refers to all solanaceous vegetables, except tomato, pimiento (sweet pepper), and egg plant.
10. “Other cucurbitaceous vegetables” refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons, and *makuwauri* melon.
11. “Other mushrooms” refers to all mushrooms, except button mushroom, and *shiitake* mushroom.
12. “Other vegetables” refers to all vegetables, except potatoes, sugar beet, sugarcane,

cruciferous vegetables, composite vegetables, liliaceous vegetables, umbelliferous vegetables, solanaceous vegetables, cucurbitaceous vegetables, spinach, bamboo shoots, okra, ginger, peas (with pods, immature), kidney beans (with pods, immature), green soybeans, mushrooms, spices, and herbs.

13. “Other citrus fruits” refers to all citrus fruits, except *unshu* orange (pulp), citrus *natsudaïdai* (pulp), citrus *natsudaïdai* (peel), citrus *natsudaïdai* (whole), lemon, orange (including navel orange), grapefruit, lime, and spices.

14. “Other berries” refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.

15. “Other fruits” refers to all fruits, except citrus fruits, apple, Japanese pear, pear, quince, loquat, peach, nectarine, apricot, Japanese plum (including prune), mume plum, cherry, berries, grape, Japanese persimmon, banana, kiwifruit, papaya, avocado, pineapple, guava, mango, passion fruit, date and spices.

16. “Other oil seeds” refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.

17. “Other nuts” refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.

18. “Other spices” refers to all spices, except horseradish, *wasabi* (Japanese horseradish) rhizomes, garlic, peppers chili, paprika, ginger, lemon peels, orange peels (including navel orange), *yuzu* (Chinese citron) peels and sesame seeds.

19. “Other herbs” refers to all herbs, except watercress, *nira*, parsley stems and leaves, celery stems and leaves.

20. “Other terrestrial mammals” refers to all terrestrial mammals, except cattle and pig.

21. “Edible offal” refers to all edible parts, except muscle, fat, liver, and kidney.

22. “Other poultry” refers to all poultry, except chicken.